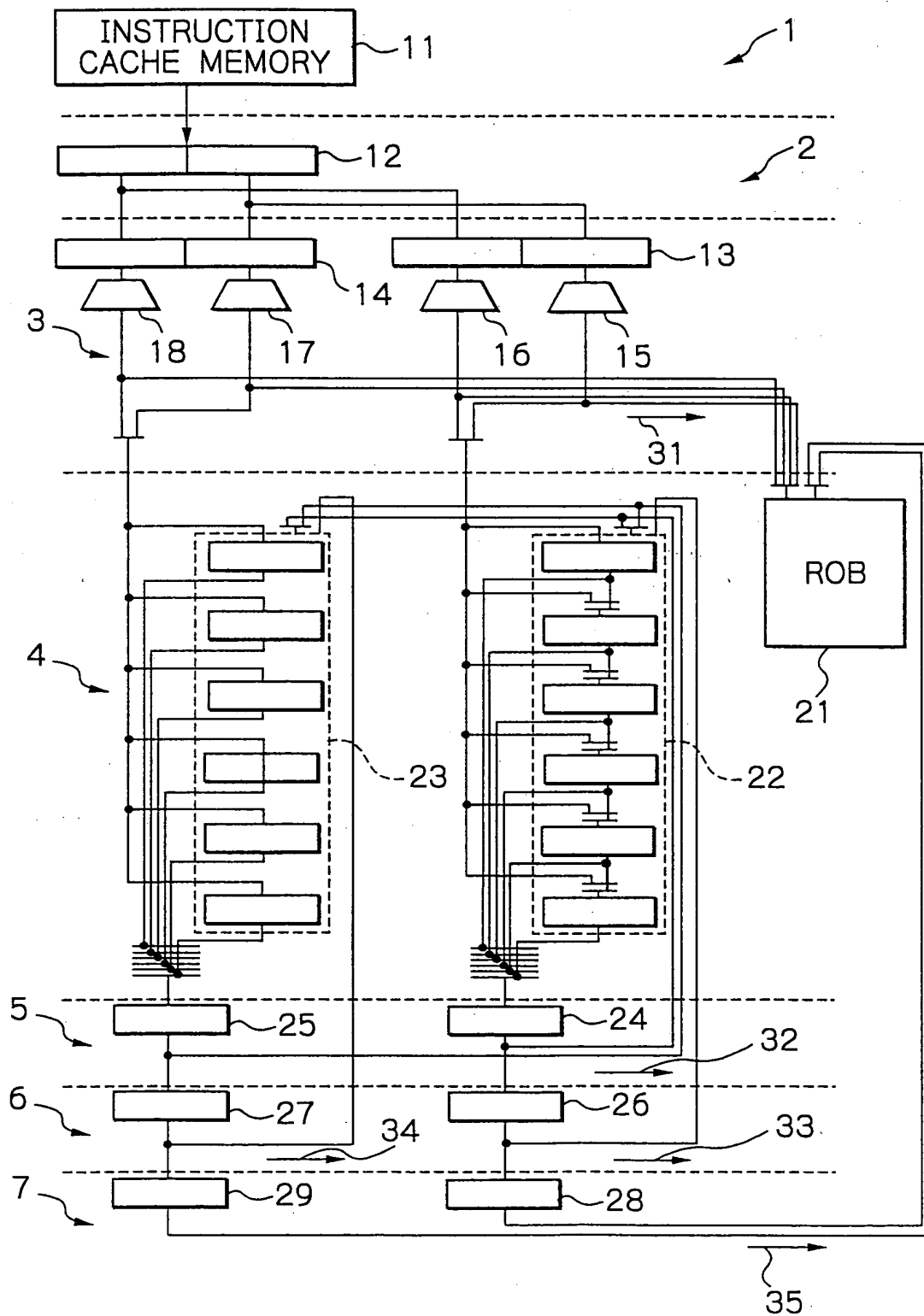
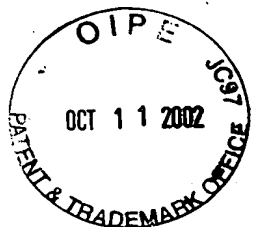
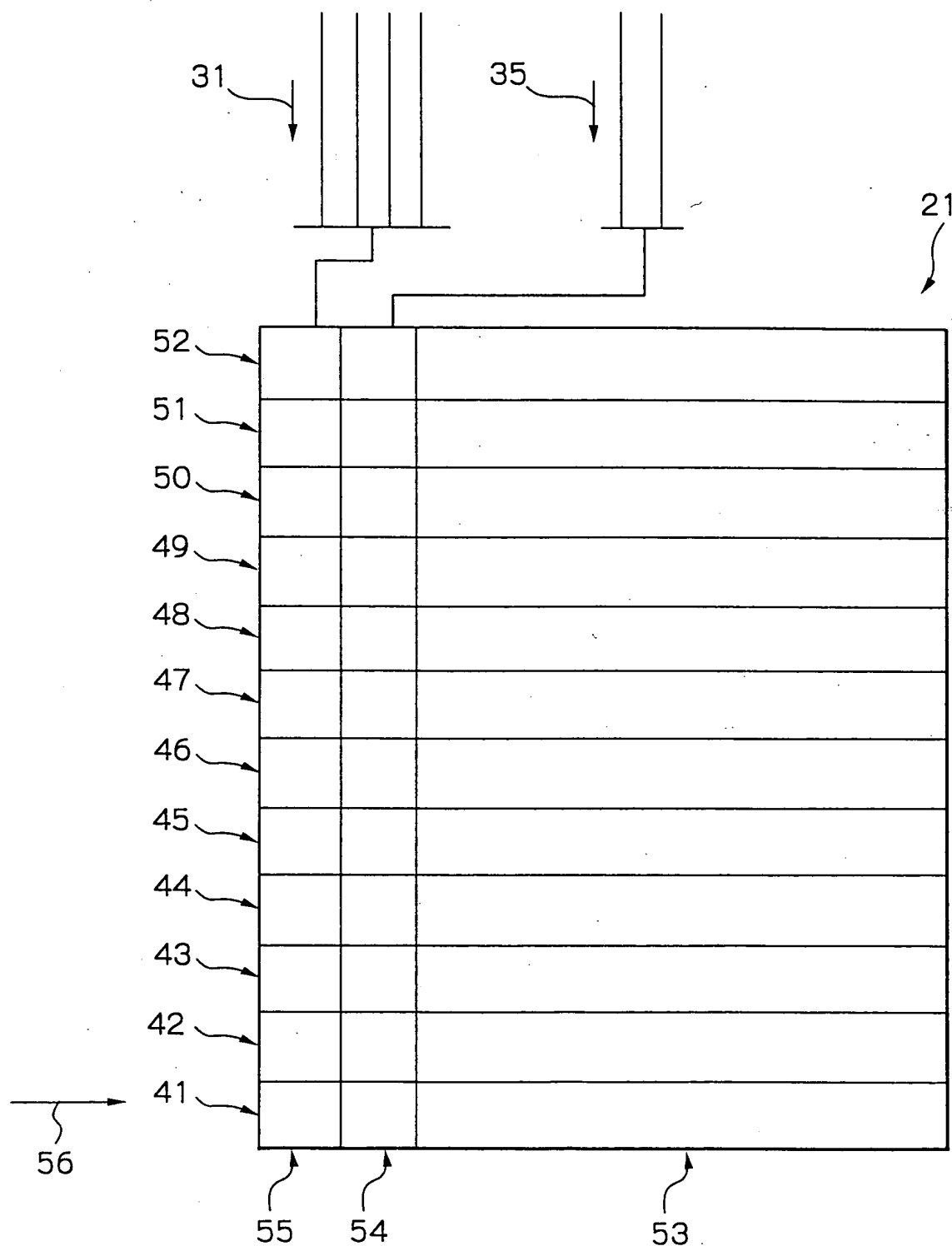


Fig. 1



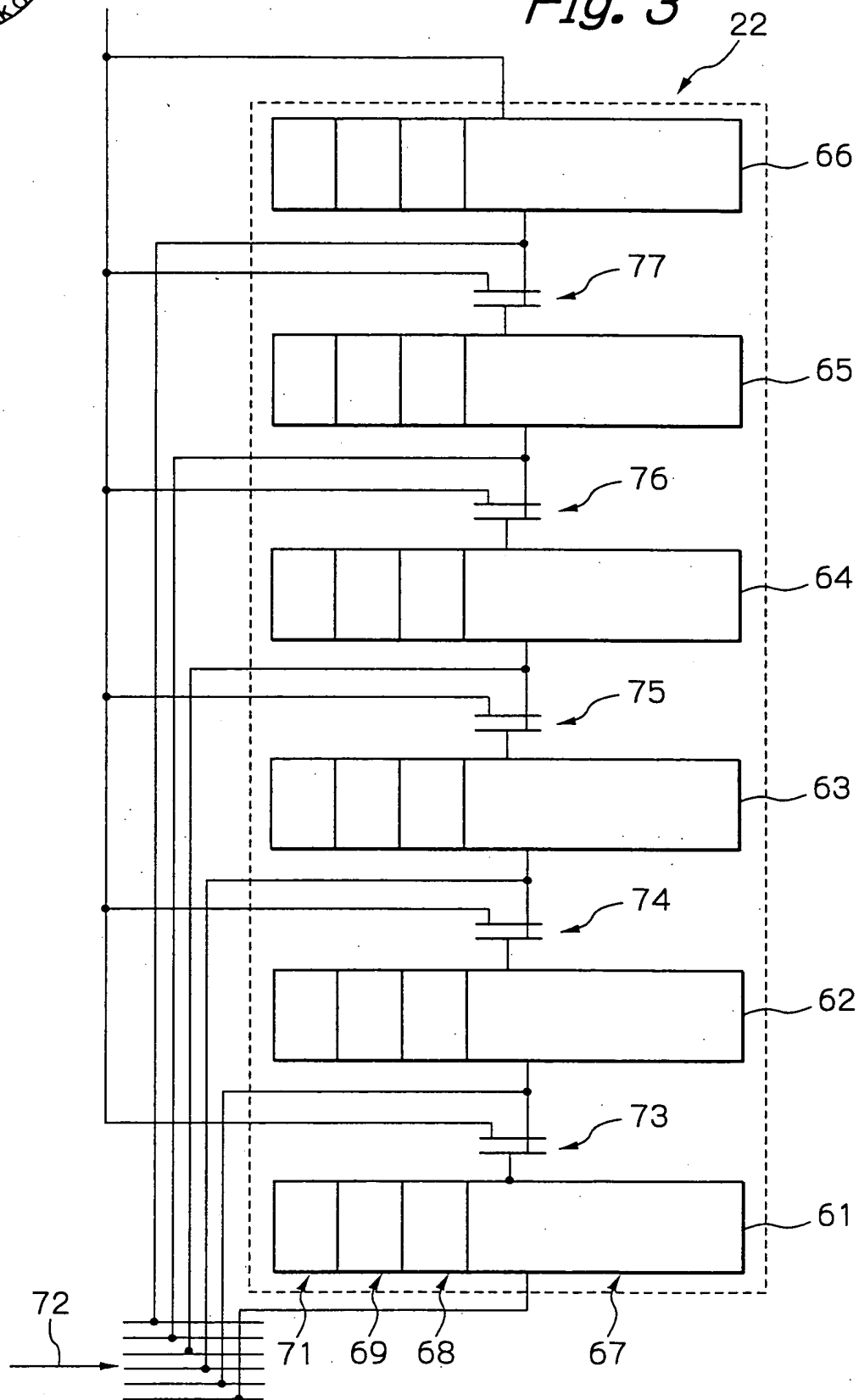


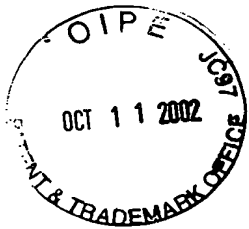
*Fig. 2*





*Fig. 3*





*Fig. 4*

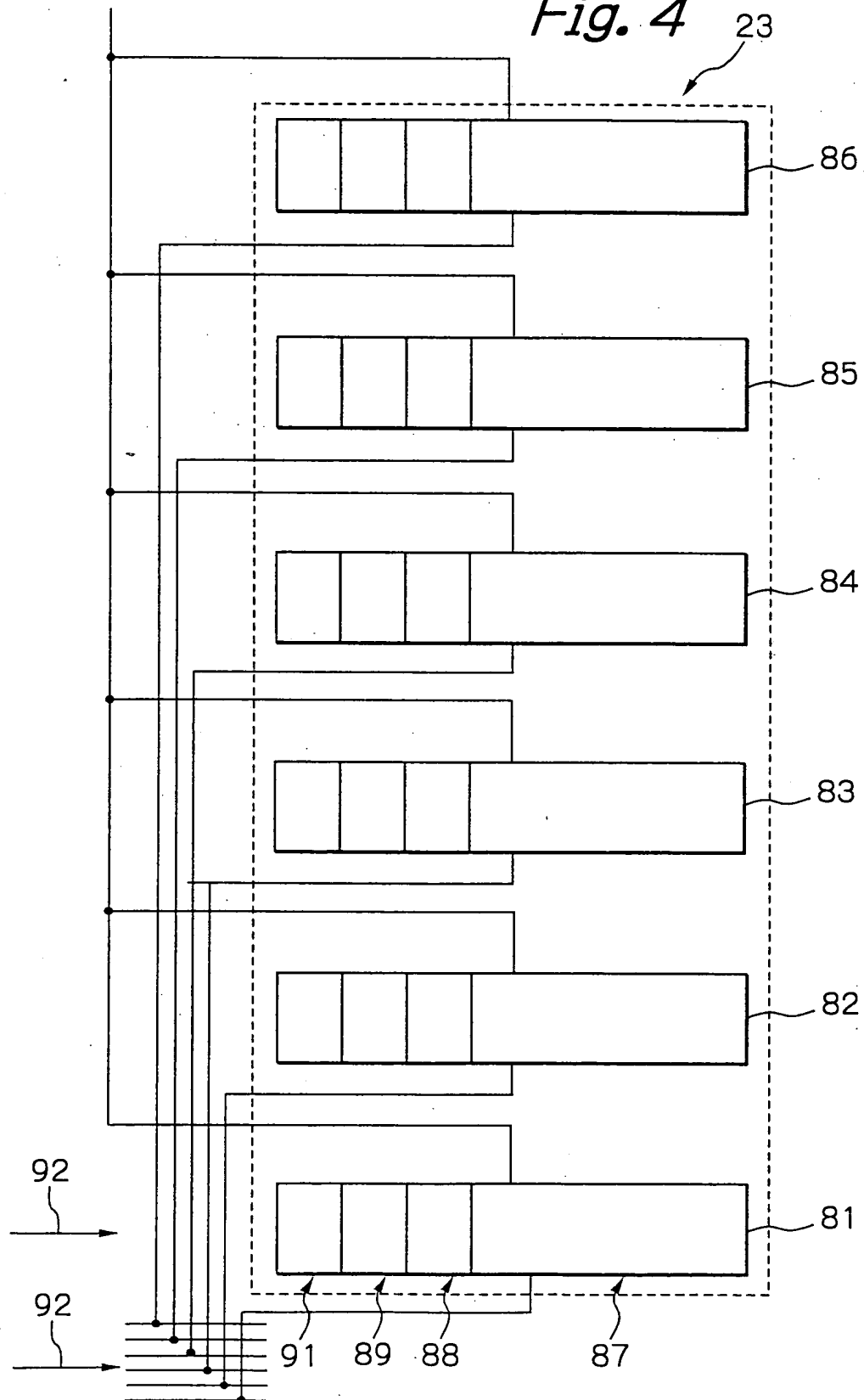


Fig. 5A

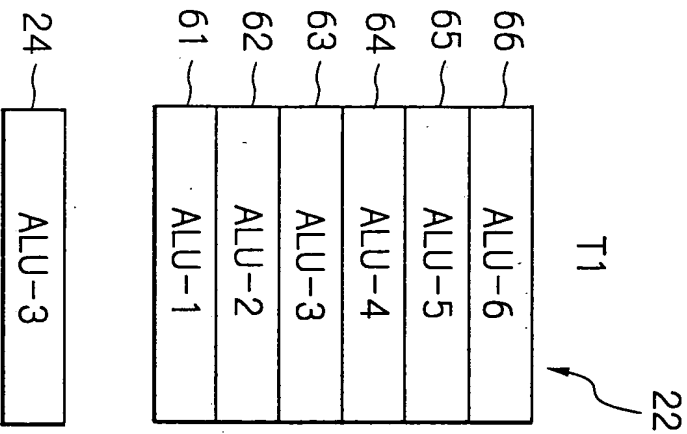


Fig. 5B

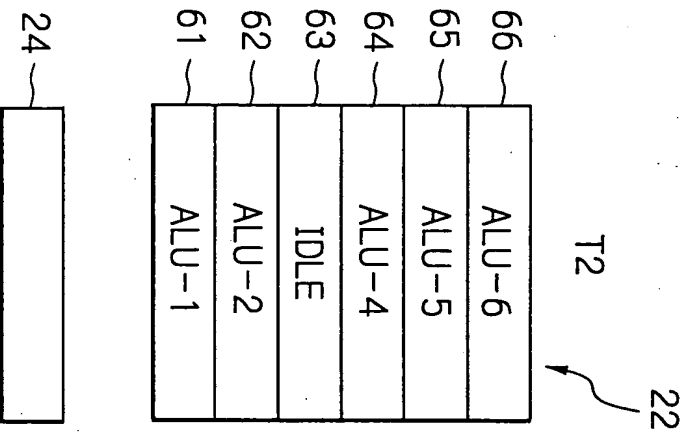


Fig. 5C

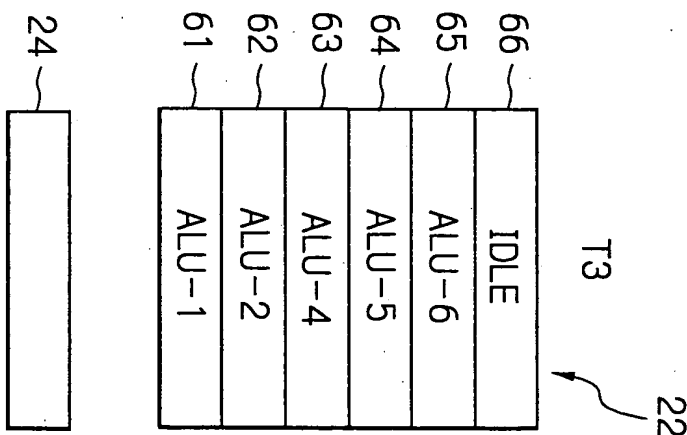


Fig. 6A

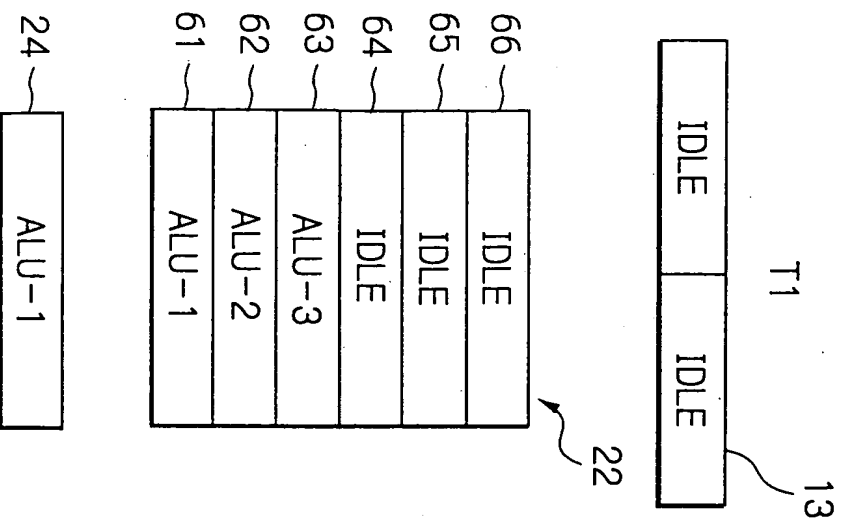


Fig. 6B

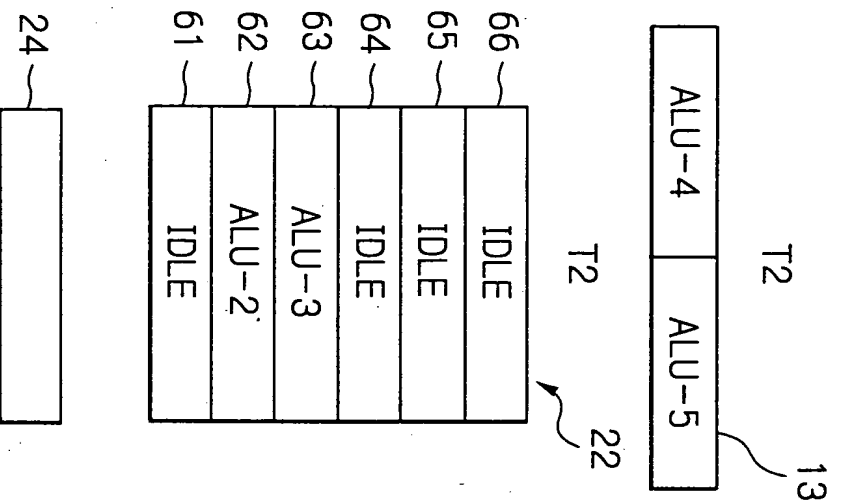


Fig. 6C

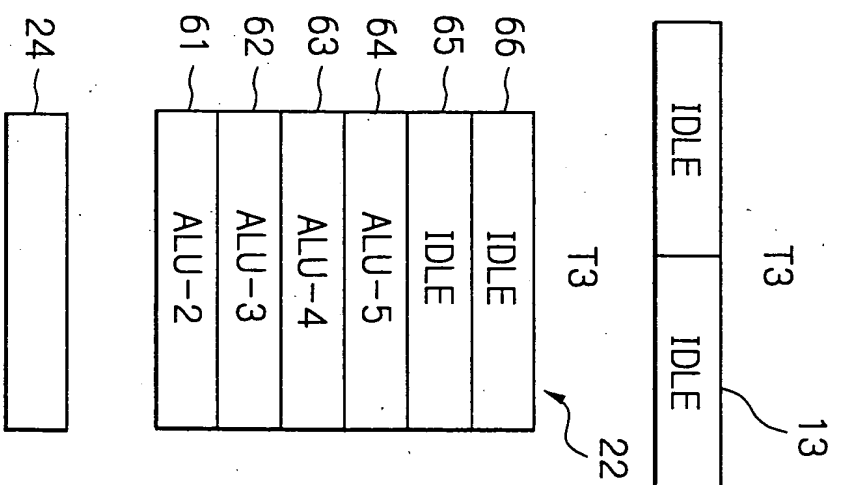


Fig. 7A

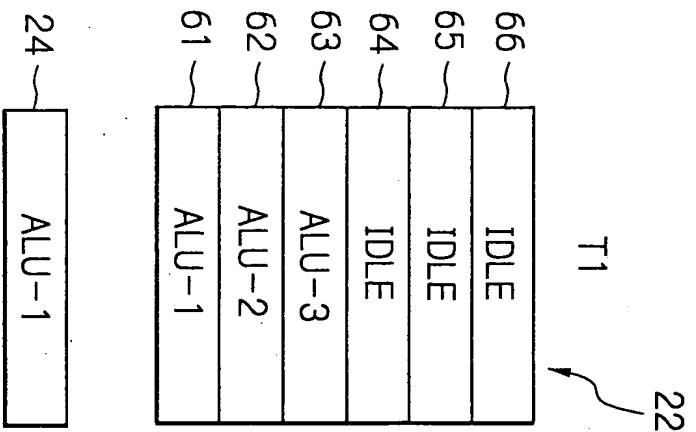


Fig. 7B

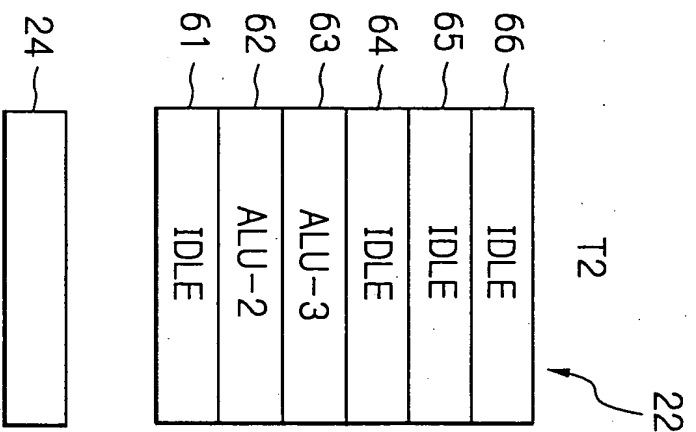


Fig. 7C

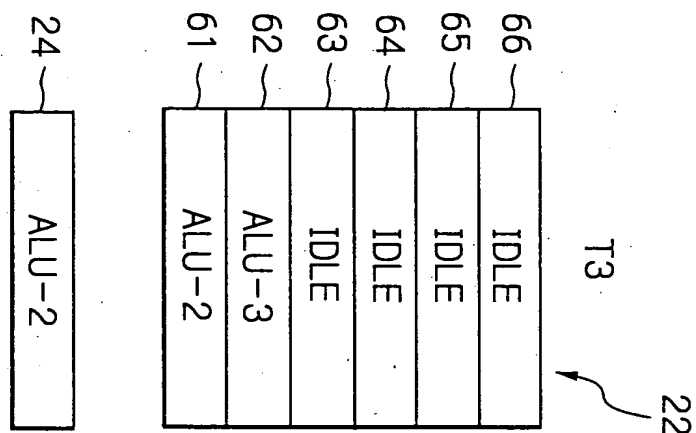


Fig. 8A

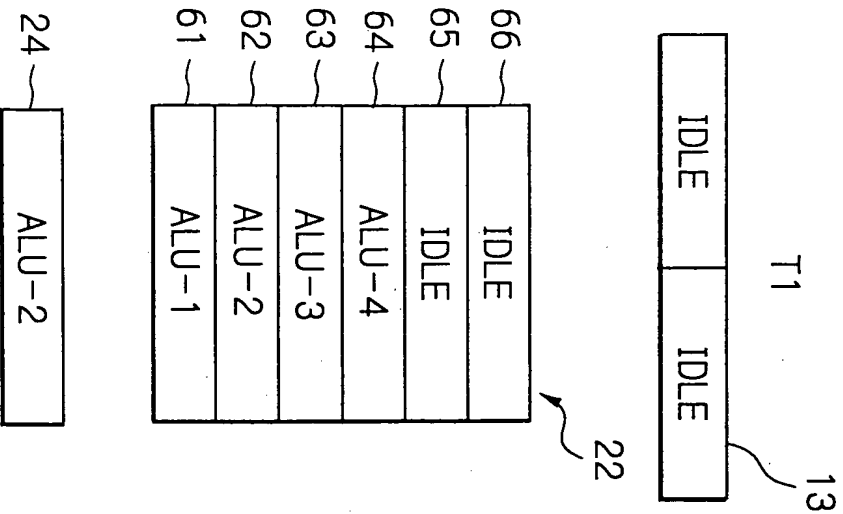


Fig. 8B

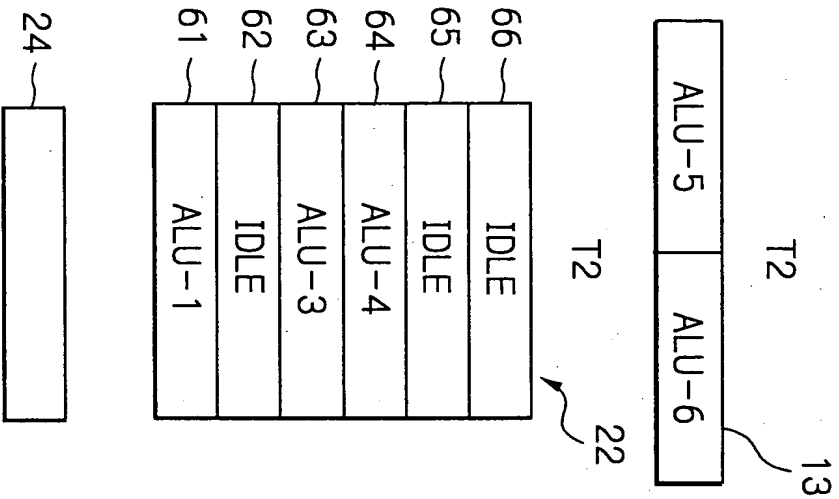


Fig. 8C

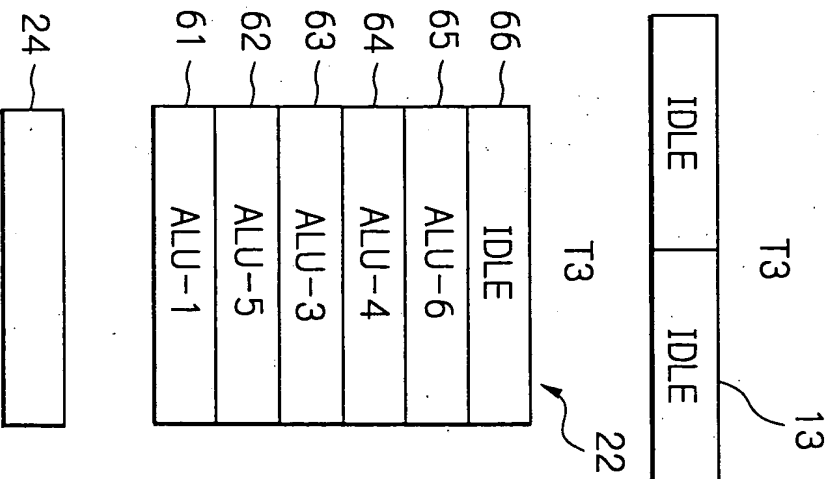
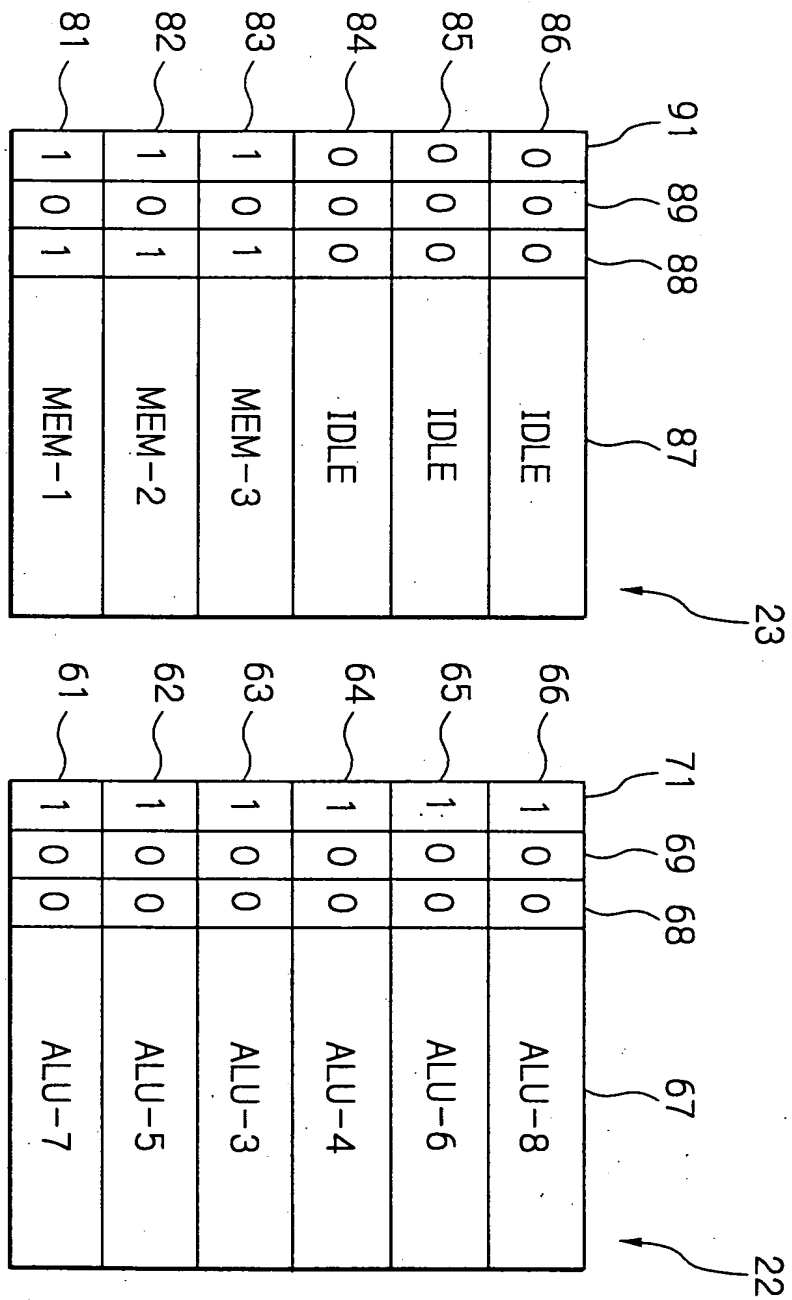




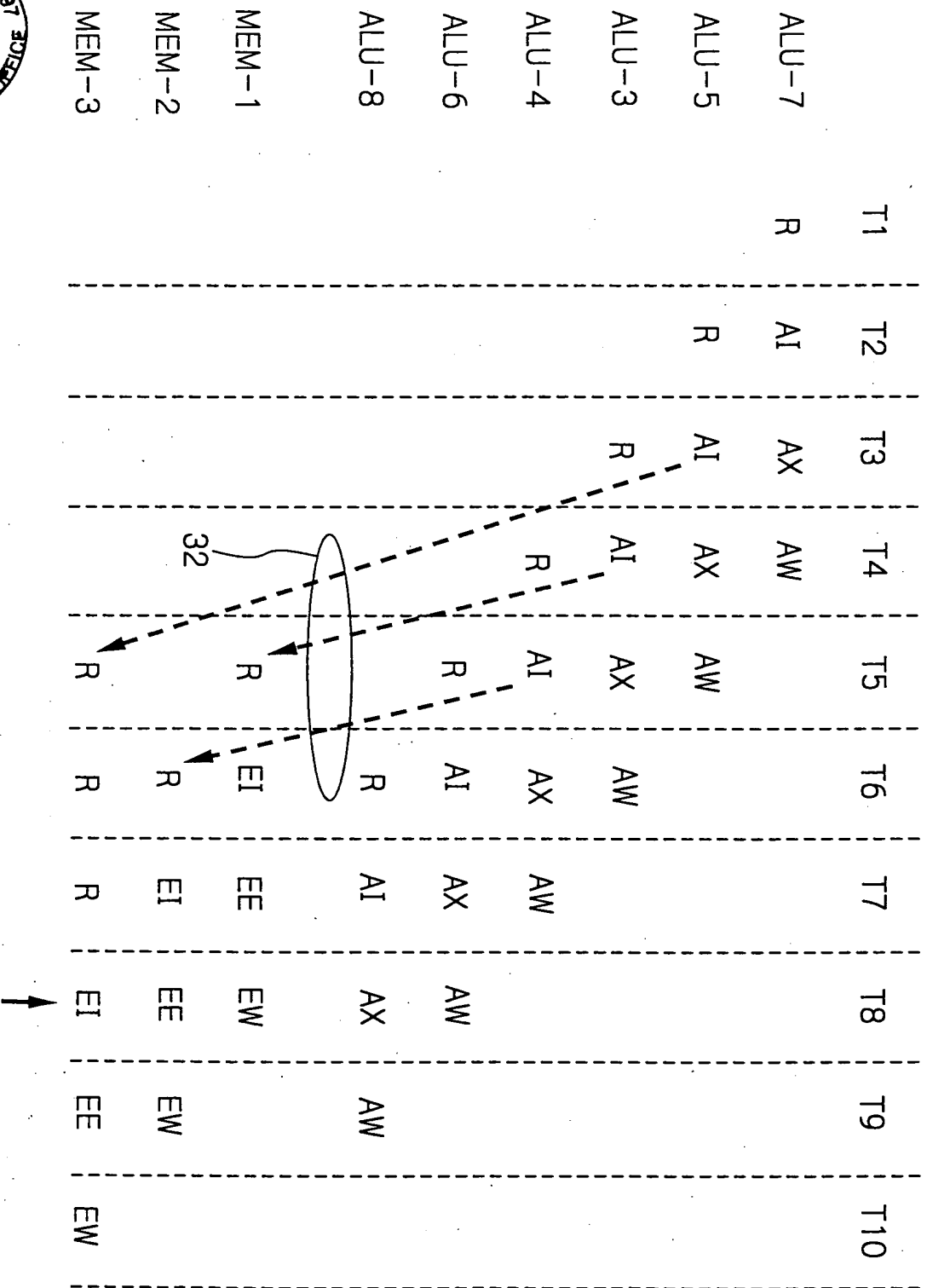
Fig. 9

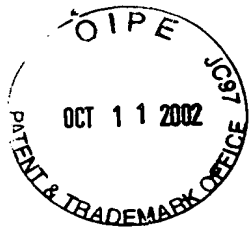


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Fig. 10





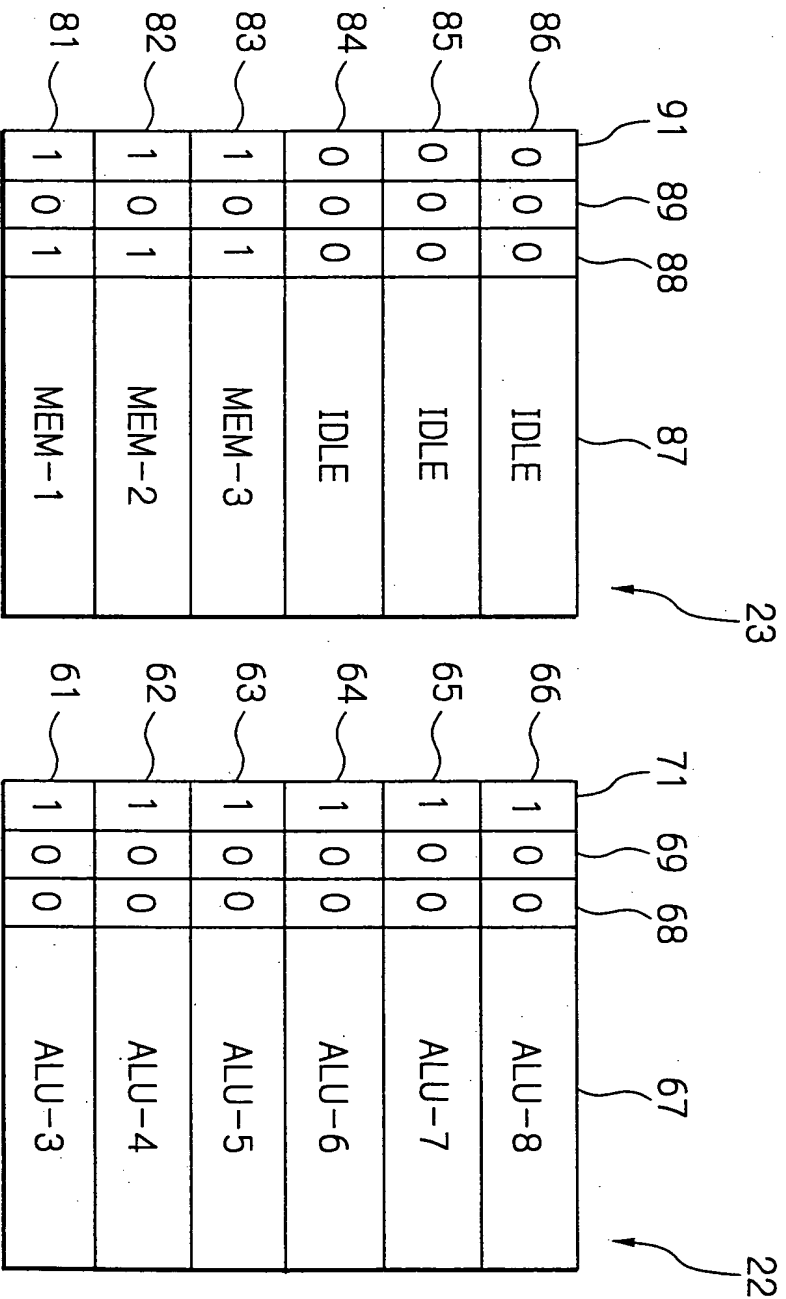
*Fig. 11*

56 →

|    | 55 | 54 | 53    |
|----|----|----|-------|
| 52 | 0  | 0  | IDLE  |
| 51 | 1  | 0  | ALU-8 |
| 50 | 1  | 1  | ALU-7 |
| 49 | 1  | 1  | ALU-6 |
| 48 | 1  | 0  | MEM-3 |
| 47 | 1  | 1  | ALU-5 |
| 46 | 1  | 0  | MEM-2 |
| 45 | 1  | 1  | ALU-4 |
| 44 | 1  | 1  | MEM-1 |
| 43 | 1  | 1  | ALU-3 |
| 42 | 1  | 1  | ALU-2 |
| 41 | 1  | 1  | ALU-1 |

21 ↙

Fig. 12



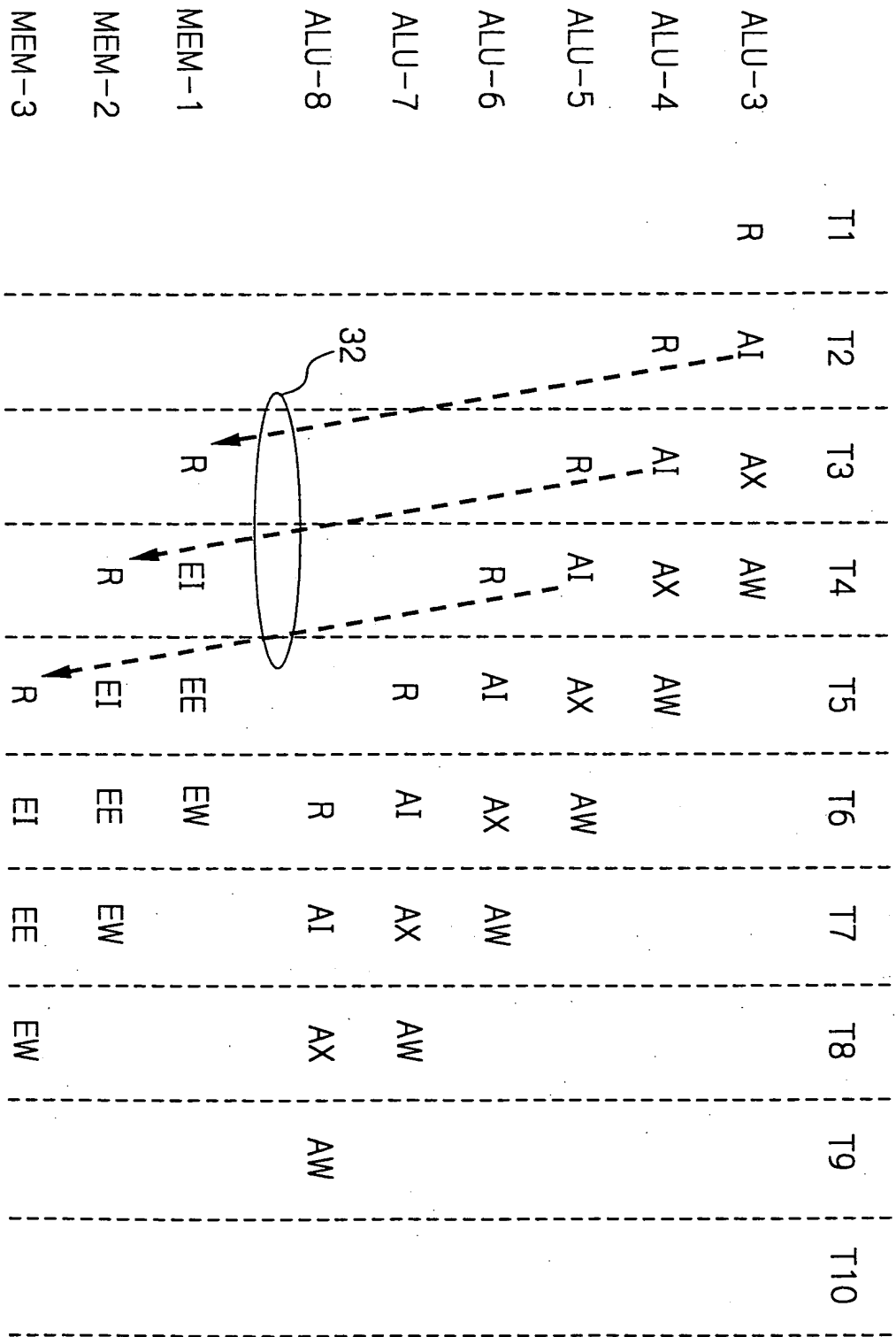


Fig. 13

*Fig. 14*

56 →

|    |    |    |       |      |
|----|----|----|-------|------|
|    | 55 | 54 | 53    |      |
| 52 | 0  | 0  | IDLE  | 21 ↙ |
| 51 | 1  | 0  | ALU-8 |      |
| 50 | 1  | 1  | ALU-7 |      |
| 49 | 1  | 1  | ALU-6 |      |
| 48 | 1  | 1  | MEM-3 |      |
| 47 | 1  | 1  | ALU-5 |      |
| 46 | 1  | 1  | MEM-2 |      |
| 45 | 1  | 1  | ALU-4 |      |
| 44 | 1  | 1  | MEM-1 |      |
| 43 | 1  | 1  | ALU-3 |      |
| 42 | 1  | 1  | ALU-2 |      |
| 41 | 1  | 1  | ALU-1 |      |